

# Mariapia A Degli-Esposti

## List of Publications by Citations

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110  
papers

9,508  
citations

46  
h-index

97  
g-index

113  
ext. papers

10,586  
ext. citations

10.8  
avg, IF

5.63  
L-index

#	Paper	IF	Citations
110	TRAIL-R2: a novel apoptosis-mediating receptor for TRAIL. <i>EMBO Journal</i> , <b>1997</b> , 16, 5386-97	13	876
109	The novel receptor TRAIL-R4 induces NF-kappaB and protects against TRAIL-mediated apoptosis, yet retains an incomplete death domain. <i>Immunity</i> , <b>1997</b> , 7, 813-20	32.3	726
108	Cloning and characterization of TRAIL-R3, a novel member of the emerging TRAIL receptor family. <i>Journal of Experimental Medicine</i> , <b>1997</b> , 186, 1165-70	16.6	555
107	Close encounters of different kinds: dendritic cells and NK cells take centre stage. <i>Nature Reviews Immunology</i> , <b>2005</b> , 5, 112-24	36.5	450
106	Activation of NK cell cytotoxicity. <i>Molecular Immunology</i> , <b>2005</b> , 42, 501-10	4.3	446
105	Functional interactions between dendritic cells and NK cells during viral infection. <i>Nature Immunology</i> , <b>2003</b> , 4, 175-81	19.1	304
104	ILC1 Confer Early Host Protection at Initial Sites of Viral Infection. <i>Cell</i> , <b>2017</b> , 171, 795-808.e12	56.2	231
103	Interaction between conventional dendritic cells and natural killer cells is integral to the activation of effective antiviral immunity. <i>Nature Immunology</i> , <b>2005</b> , 6, 1011-9	19.1	231
102	NK cell maturation and peripheral homeostasis is associated with KLRG1 up-regulation. <i>Journal of Immunology</i> , <b>2007</b> , 178, 4764-70	5.3	227
101	Infection of dendritic cells by murine cytomegalovirus induces functional paralysis. <i>Nature Immunology</i> , <b>2001</b> , 2, 1077-84	19.1	220
100	Ancestral haplotypes: conserved population MHC haplotypes. <i>Human Immunology</i> , <b>1992</b> , 34, 242-52	2.3	206
99	Interleukin 15-mediated survival of natural killer cells is determined by interactions among Bim, Noxa and Mcl-1. <i>Nature Immunology</i> , <b>2007</b> , 8, 856-63	19.1	196
98	CIS is a potent checkpoint in NK cell-mediated tumor immunity. <i>Nature Immunology</i> , <b>2016</b> , 17, 816-24	19.1	185
97	A contribution of mouse dendritic cell-derived IL-2 for NK cell activation. <i>Journal of Experimental Medicine</i> , <b>2004</b> , 200, 287-95	16.6	182
96	Eglucan triggers spondylarthritis and Crohn's disease-like ileitis in SKG mice. <i>Arthritis and Rheumatism</i> , <b>2012</b> , 64, 2211-22		171
95	Innate immunity defines the capacity of antiviral T cells to limit persistent infection. <i>Journal of Experimental Medicine</i> , <b>2010</b> , 207, 1333-43	16.6	171
94	Murine cytomegalovirus m157 mutation and variation leads to immune evasion of natural killer cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2003</b> , 100, 13483-8	11.5	165

93	A2AR Adenosine Signaling Suppresses Natural Killer Cell Maturation in the Tumor Microenvironment. <i>Cancer Research</i> , <b>2018</b> , 78, 1003-1016	10.1	159
92	CD83 increases MHC II and CD86 on dendritic cells by opposing IL-10-driven MARCH1-mediated ubiquitination and degradation. <i>Journal of Experimental Medicine</i> , <b>2011</b> , 208, 149-65	16.6	141
91	A new polymorphic and multicopy MHC gene family related to nonmammalian class I. <i>Immunogenetics</i> , <b>1994</b> , 40, 339-51	3.2	138
90	Gene therapy with recombinant adeno-associated vectors for neovascular age-related macular degeneration: 1 year follow-up of a phase 1 randomised clinical trial. <i>Lancet, The</i> , <b>2015</b> , 386, 2395-403	4.0	128
89	TRAIL+ NK cells control CD4+ T cell responses during chronic viral infection to limit autoimmunity. <i>Immunity</i> , <b>2014</b> , 41, 646-56	32.3	123
88	Perforin and granzymes have distinct roles in defensive immunity and immunopathology. <i>Immunity</i> , <b>2006</b> , 25, 835-48	32.3	122
87	Activation of natural killer (NK) T cells during murine cytomegalovirus infection enhances the antiviral response mediated by NK cells. <i>Journal of Virology</i> , <b>2003</b> , 77, 1877-84	6.6	118
86	To die or not to die--the quest of the TRAIL receptors. <i>Journal of Leukocyte Biology</i> , <b>1999</b> , 65, 535-42	6.5	113
85	An approach to the localization of the susceptibility genes for generalized myasthenia gravis by mapping recombinant ancestral haplotypes. <i>Immunogenetics</i> , <b>1992</b> , 35, 355-64	3.2	110
84	The murine cytomegalovirus chemokine homolog, m131/129, is a determinant of viral pathogenicity. <i>Journal of Virology</i> , <b>1999</b> , 73, 6800-9	6.6	106
83	Phase 2a Randomized Clinical Trial: Safety and Post Hoc Analysis of Subretinal rAAV.sFLT-1 for Wet Age-related Macular Degeneration. <i>EBioMedicine</i> , <b>2016</b> , 14, 168-175	8.8	97
82	Ancestral haplotypes reveal the role of the central MHC in the immunogenetics of IDDM. <i>Immunogenetics</i> , <b>1992</b> , 36, 345-56	3.2	89
81	MHC Class II Antigen Presentation by the Intestinal Epithelium Initiates Graft-versus-Host Disease and Is Influenced by the Microbiota. <i>Immunity</i> , <b>2019</b> , 51, 885-898.e7	32.3	84
80	Sensitization to immune checkpoint blockade through activation of a STAT1/NK axis in the tumor microenvironment. <i>Science Translational Medicine</i> , <b>2019</b> , 11,	17.5	83
79	Cross-talk between dendritic cells and natural killer cells in viral infection. <i>Molecular Immunology</i> , <b>2005</b> , 42, 547-55	4.3	82
78	Cancer-induced immunosuppression: IL-18-elicited immunoablative NK cells. <i>Cancer Research</i> , <b>2012</b> , 72, 2757-67	10.1	80
77	Eomesodermin promotes the development of type 1 regulatory T (T1) cells. <i>Science Immunology</i> , <b>2017</b> , 2,	28	78
76	Genetic dissection of acute anterior uveitis reveals similarities and differences in associations observed with ankylosing spondylitis. <i>Arthritis and Rheumatology</i> , <b>2015</b> , 67, 140-51	9.5	78

75	The interplay between host and viral factors in shaping the outcome of cytomegalovirus infection. <i>Immunology and Cell Biology</i> , <b>2007</b> , 85, 46-54	5	78
74	"Natural Regulators": NK Cells as Modulators of T Cell Immunity. <i>Frontiers in Immunology</i> , <b>2016</b> , 7, 235	8.4	74
73	m144, a murine cytomegalovirus (MCMV)-encoded major histocompatibility complex class I homologue, confers tumor resistance to natural killer cell-mediated rejection. <i>Journal of Experimental Medicine</i> , <b>1999</b> , 190, 435-44	16.6	70
72	Cyclophosphamide chemotherapy sensitizes tumor cells to TRAIL-dependent CD8 T cell-mediated immune attack resulting in suppression of tumor growth. <i>PLoS ONE</i> , <b>2009</b> , 4, e6982	3.7	70
71	Natural killer cells in viral infection: more than just killers. <i>Immunological Reviews</i> , <b>2006</b> , 214, 239-50	11.3	69
70	Killers and beyond: NK-cell-mediated control of immune responses. <i>European Journal of Immunology</i> , <b>2008</b> , 38, 2938-42	6.1	68
69	NK cells require IL-28R for optimal in vivo activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, E2376-84	11.5	64
68	Differences in gene copy number carried by different MHC ancestral haplotypes. Quantitation after physical separation of haplotypes by pulsed field gel electrophoresis. <i>Journal of Experimental Medicine</i> , <b>1990</b> , 171, 2101-14	16.6	64
67	Functional analysis of granzyme M and its role in immunity to infection. <i>Journal of Immunology</i> , <b>2005</b> , 175, 3235-43	5.3	62
66	Kupffer cell-monocyte communication is essential for initiating murine liver progenitor cell-mediated liver regeneration. <i>Hepatology</i> , <b>2015</b> , 62, 1272-84	11.2	51
65	Peripheral natural killer cell maturation depends on the transcription factor Aiolos. <i>EMBO Journal</i> , <b>2014</b> , 33, 2721-34	13	50
64	Gene Therapy in Neovascular Age-related Macular Degeneration: Three-Year Follow-up of a Phase 1 Randomized Dose Escalation Trial. <i>American Journal of Ophthalmology</i> , <b>2017</b> , 177, 150-158	4.9	46
63	The roles of interferon-gamma and perforin in antiviral immunity in mice that differ in genetically determined NK-cell-mediated antiviral activity. <i>Immunology and Cell Biology</i> , <b>2009</b> , 87, 559-66	5	46
62	NK1.1+ cells and murine cytomegalovirus infection: what happens in situ?. <i>Journal of Immunology</i> , <b>2001</b> , 166, 1796-802	5.3	46
61	Graft-versus-host disease prevents the maturation of plasmacytoid dendritic cells. <i>Journal of Immunology</i> , <b>2009</b> , 182, 912-20	5.3	45
60	New major histocompatibility complex genes. <i>Human Immunology</i> , <b>1993</b> , 38, 24-9	2.3	45
59	Insights into the mechanisms of CMV-mediated interference with cellular apoptosis. <i>Immunology and Cell Biology</i> , <b>2006</b> , 84, 99-106	5	43
58	Functional comparison of mouse CIRE/mouse DC-SIGN and human DC-SIGN. <i>International Immunology</i> , <b>2006</b> , 18, 741-53	4.9	42

57	Cytomegalovirus evasion of natural killer cell responses. <i>Immunological Reviews</i> , <b>1999</b> , 168, 187-97	11.3	41
56	Preclinical safety evaluation of subretinal AAV2.sFlt-1 in non-human primates. <i>Gene Therapy</i> , <b>2012</b> , 19, 999-1009	4	40
55	rAAV.sFlt-1 gene therapy achieves lasting reversal of retinal neovascularization in the absence of a strong immune response to the viral vector <b>2009</b> , 50, 4279-87		40
54	Modulation of innate and adaptive immunity by cytomegaloviruses. <i>Nature Reviews Immunology</i> , <b>2020</b> , 20, 113-127	36.5	38
53	Targeting of a natural killer cell receptor family by a viral immunoevasin. <i>Nature Immunology</i> , <b>2013</b> , 14, 699-705	19.1	37
52	TLR9 ligand CpG-ODN applied to the injured mouse cornea elicits retinal inflammation. <i>American Journal of Pathology</i> , <b>2012</b> , 180, 209-20	5.8	36
51	Therapeutic blockade of activin-A improves NK cell function and antitumor immunity. <i>Science Signaling</i> , <b>2019</b> , 12,	8.8	33
50	High Chlamydia Burden Promotes Tumor Necrosis Factor-Dependent Reactive Arthritis in SKG Mice. <i>Arthritis and Rheumatology</i> , <b>2015</b> , 67, 1535-47	9.5	32
49	Virally mediated inhibition of Bax in leukocytes promotes dissemination of murine cytomegalovirus. <i>Cell Death and Differentiation</i> , <b>2009</b> , 16, 312-20	12.7	32
48	Sequence differences between HLA-B and TNF distinguish different MHC ancestral haplotypes. <i>Tissue Antigens</i> , <b>1992</b> , 39, 117-21		32
47	Strain-specific antibody therapy prevents cytomegalovirus reactivation after transplantation. <i>Science</i> , <b>2019</b> , 363, 288-293	33.3	31
46	Updated characterization of ancestral haplotypes using the Fourth Asia-Oceania Histocompatibility Workshop panel. <i>Human Immunology</i> , <b>1995</b> , 44, 12-8	2.3	30
45	Three-Year Follow-Up of Phase 1 and 2a rAAV.sFLT-1 Subretinal Gene Therapy Trials for Exudative Age-Related Macular Degeneration. <i>American Journal of Ophthalmology</i> , <b>2019</b> , 204, 113-123	4.9	29
44	Characterization of 4AOHW cell line panel including new data for the 10IHW panel. <i>Human Immunology</i> , <b>1993</b> , 38, 3-16	2.3	29
43	Deficient NLRP3 and AIM2 Inflammasome Function in Autoimmune NZB Mice. <i>Journal of Immunology</i> , <b>2015</b> , 195, 1233-41	5.3	28
42	The Murine Natural Cytotoxic Receptor NKp46/NCR1 Controls TRAIL Protein Expression in NK Cells and ILC1s. <i>Cell Reports</i> , <b>2018</b> , 22, 3385-3392	10.6	27
41	Interferon $\beta$ dependent migration of microglial cells in the retina after systemic cytomegalovirus infection. <i>American Journal of Pathology</i> , <b>2013</b> , 182, 875-85	5.8	27
40	A novel checkpoint in the Bcl-2-regulated apoptotic pathway revealed by murine cytomegalovirus infection of dendritic cells. <i>Journal of Cell Biology</i> , <b>2004</b> , 166, 827-37	7.3	24

39	NKT cells and viral immunity. <i>Immunology and Cell Biology</i> , <b>2004</b> , 82, 332-41	5	24
38	The NK cell granule protein NKG7 regulates cytotoxic granule exocytosis and inflammation. <i>Nature Immunology</i> , <b>2020</b> , 21, 1205-1218	19.1	24
37	Ly49C-dependent control of MCMV Infection by NK cells is cis-regulated by MHC Class I molecules. <i>PLoS Pathogens</i> , <b>2014</b> , 10, e1004161	7.6	23
36	GVHD prevents NK-cell-dependent leukemia and virus-specific innate immunity. <i>Blood</i> , <b>2017</b> , 129, 630-642	2.2	21
35	Cytomegalovirus establishes a latent reservoir and triggers long-lasting inflammation in the eye. <i>PLoS Pathogens</i> , <b>2018</b> , 14, e1007040	7.6	20
34	Cytomegalovirus MHC class I homologues and natural killer cells: an overview. <i>Microbes and Infection</i> , <b>2000</b> , 2, 521-32	9.3	19
33	Acute GVHD results in a severe DC defect that prevents T-cell priming and leads to fulminant cytomegalovirus disease in mice. <i>Blood</i> , <b>2015</b> , 126, 1503-14	2.2	18
32	MCMV-mediated inhibition of the pro-apoptotic Bak protein is required for optimal in vivo replication. <i>PLoS Pathogens</i> , <b>2013</b> , 9, e1003192	7.6	17
31	The early kinetics of cytomegalovirus-specific CD8+ T-cell responses are not affected by antigen load or the absence of perforin or gamma interferon. <i>Journal of Virology</i> , <b>2008</b> , 82, 4931-7	6.6	17
30	Ocular antigen does not cause disease unless presented in the context of inflammation. <i>Scientific Reports</i> , <b>2017</b> , 7, 14226	4.9	15
29	CpG pretreatment enhances antiviral T-cell immunity against cytomegalovirus. <i>Blood</i> , <b>2013</b> , 122, 55-60	2.2	15
28	Flt-3L Expansion of Recipient CD8 <sup>+</sup> Dendritic Cells Deletes Alloreactive Donor T Cells and Represents an Alternative to Posttransplant Cyclophosphamide for the Prevention of GVHD. <i>Clinical Cancer Research</i> , <b>2018</b> , 24, 1604-1616	12.9	14
27	A natural genetic variant of granzyme B confers lethality to a common viral infection. <i>PLoS Pathogens</i> , <b>2014</b> , 10, e1004526	7.6	13
26	HLA and Singaporean Chinese myasthenia gravis. <i>International Archives of Allergy and Immunology</i> , <b>1993</b> , 101, 119-25	3.7	13
25	Antibody reactivity profiles following immunization with diverse peptides of the PERB11 (MIC) family. <i>Clinical and Experimental Immunology</i> , <b>1996</b> , 106, 568-76	6.2	12
24	IFN- $\gamma$ therapy prevents severe gastrointestinal graft-versus-host disease. <i>Blood</i> , <b>2021</b> , 138, 722-737	2.2	12
23	Cell-based therapies for ocular inflammation. <i>Progress in Retinal and Eye Research</i> , <b>2013</b> , 35, 82-101	20.5	11
22	Murine cytomegalovirus homologues of cellular immunomodulatory genes. <i>Intervirology</i> , <b>1999</b> , 42, 331-415	10	10

21	Administration of alpha-galactosylceramide impairs the survival of dendritic cell subpopulations in vivo. <i>Journal of Leukocyte Biology</i> , <b>2011</b> , 89, 753-62	6.5	8
20	Cathepsin C limits acute viral infection independently of NK cell and CD8+ T-cell cytolytic function. <i>Immunology and Cell Biology</i> , <b>2011</b> , 89, 540-8	5	8
19	The early monocytic response to cytomegalovirus infection is MyD88 dependent but occurs independently of common inflammatory cytokine signals. <i>European Journal of Immunology</i> , <b>2014</b> , 44, 409-19	6.1	7
18	A chemokine-like viral protein enhances alpha interferon production by plasmacytoid dendritic cells but delays CD8+ T cell activation and impairs viral clearance. <i>Journal of Virology</i> , <b>2013</b> , 87, 7911-20	6.6	7
17	T cell responses in experimental viral retinitis: mechanisms, peculiarities and implications for gene therapy with viral vectors. <i>Progress in Retinal and Eye Research</i> , <b>2011</b> , 30, 275-84	20.5	7
16	In vivo imaging of ocular MCMV infection <b>2010</b> , 51, 369-74		7
15	Genetics of diabetes. Studies of MHC haplotypes by pulsed field gel electrophoresis. <i>Baillieres Clinical Endocrinology and Metabolism</i> , <b>1991</b> , 5, 285-97		7
14	Kinetics of ocular and systemic antigen-specific T-cell responses elicited during murine cytomegalovirus retinitis. <i>Immunology and Cell Biology</i> , <b>2012</b> , 90, 330-6	5	6
13	Ly49C Impairs NK Cell Memory in Mouse Cytomegalovirus Infection. <i>Journal of Immunology</i> , <b>2016</b> , 197, 128-40	5.3	5
12	Neuromuscular function and polymorphism of the acetylcholine receptor gamma gene. <i>Muscle and Nerve</i> , <b>1992</b> , 15, 543-9	3.4	4
11	CMV exposure drives long-term CD57+ CD4 memory T cell inflation following allogeneic stem cell transplant. <i>Blood</i> , <b>2021</b> ,	2.2	3
10	ASC Modulates CTL Cytotoxicity and Transplant Outcome Independent of the Inflammasome. <i>Cancer Immunology Research</i> , <b>2020</b> , 8, 1085-1098	12.5	2
9	Murine cytomegalovirus infection exacerbates complex IV deficiency in a model of mitochondrial disease. <i>PLoS Genetics</i> , <b>2020</b> , 16, e1008604	6	1
8	Typing of 4A0HW cells by allospecific natural killer cells. <i>Human Immunology</i> , <b>1993</b> , 38, 52-6	2.3	1
7	Hhex Directly Represses BIM-Dependent Apoptosis to Promote NK Cell Development and Maintenance. <i>Cell Reports</i> , <b>2020</b> , 33, 108285	10.6	1
6	Immune control of cytomegalovirus reactivation in stem cell transplantation. <i>Blood</i> , <b>2021</b> ,	2.2	1
5	Differential cleavage of viral polypeptides by allotypic variants of granzyme B skews immunity to mouse cytomegalovirus. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , <b>2020</b> , 1868, 140457	4	0
4	Keeping an Eye On ocular GVHD. <i>Australasian journal of optometry, The</i> , <b>2021</b> , 1-8	2.7	0

- 3 The Avidity Game: Selecting Natural-Born Killers. *Immunity*, **2019**, 50, 1337-1339 32.3
- 2 Cytomegalovirus infection and NK cells **2010**, 499-510
- 1 Early Cytomegalovirus Reactivation after Allogenic Bone Marrow Transplantation Is Associated with the Loss of Recipient-Derived Humoral Immunity and Is Reduced By IL-6 Inhibition. *Blood*, **2021**, 138, 648-648 2.2